



**Request for City Council Committee Action
From the Department of Public Works**

Date: January 13, 2003
To: Transportation and Public Works Committee
Referral to: Way and Means/Budget Committee

Subject: Park Board Storm Drain Inventory

Recommendation: Increase amount of contract with URS consulting engineers to complete the Minneapolis Park and Recreation Board (MPRB) Storm Drain Inventory Survey, by an amount not to exceed \$100,000.

Previous Directives:

- October 1999, MPRB/Public Works Service Overlap Policy Work Group Report, recommends to T&PW committee that the MPRB transfer ownership and responsibility for the MPRB storm drain system to the Public Works Department (PW) and that available sewer funding be increased by an amount appropriate for the maintenance and improvement of this network
- October 29, 1999 Recommendation adopted by council action, effective January 1, 2000, with the understanding that PW expand operations to provide for the inventory maintenance and repair of MPRB storm drains with a commensurate increase in PW funds to cover the maintenance and capital costs of managing these assets.

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Approved: Brian Lokkesmoe, P.E., Interim City Engineer, Director of Public Works

By: Paul Ogren _____

Presenters in Committee: Patrick Wrase, Engineer III

<p>Financial Impact (Check those that apply)</p> <p><input checked="" type="checkbox"/> X No financial impact (If checked, go directly to Background/Supporting Information)</p> <p><input type="checkbox"/> Action requires an appropriation increase to the Capital Budget</p> <p><input type="checkbox"/> Action requires an appropriation increase to the Operating Budget</p> <p><input type="checkbox"/> Action provides increased revenue for appropriation increase</p> <p><input type="checkbox"/> Action requires use of contingency or reserves</p> <p><input type="checkbox"/> Other financial impact (Explain):</p> <p><input type="checkbox"/> Request provided to the Budget Office when provided to the Committee Coordinator</p>

Community Impact (use any categories that apply)

Neighborhood Notification – Not applicable

City Goals – Actions to inventory, maintain and improve the former MPRB storm drain system meets the following goal of the City to preserve, enhance and create a sustainable natural and historic environment citywide.

Comprehensive Plan – While not specifically mentioned in the Minneapolis Plan, action to inventory, maintain and improve the former MPRB storm drain system contributes to (7.5 Protect and Sustain Water Resources.

Zoning Code – Not applicable.

Other

Background and Supporting Information:

Inventory of MPRB Storm Drain Network

After preliminary investigation of plan sets and records received from the Minneapolis Park and Recreation Board it was determined that a complete survey of former MPRB storm drains was needed to provide adequate location information for maintenance, repair and capital improvement activity. From available records, PW staff estimated that the system contained approximately 185,000 feet of storm drain and 2800 associated structures.

On Oct. 7, 2002, Public Works selected URS consulting engineers from the Public Works Consulting Pool to perform a location survey of the former MPRB network of storm drains. The contract allowed for the survey of 2940 structures with complete attribute and pipe alignment information at a cost of \$100.00 per structure, for a total of \$294,000. These figures allowed for a margin of 5% above the estimated total structures. As of this date, URS crews have located 2900 structures with only 60% of the City, by area, surveyed. Based on these figures an estimated total of 3800 to 4000 structures with associated pipe is expected to be the total for the complete MPRB storm drain inventory.

Original estimates of the size of the pipe network and number of structures of the MPRB storm drain network were based on maps and plans provided to PW by the MPRB. As the records were inadequate and incomplete, it is not surprising that the survey would find structures and piping in excess of previous estimates. URS has agreed to continue the survey at the same price per structure agreed to in the original contract (See attached letter of agreement). URS was selected for this project from five proposals on the basis of both best pricing and best proposed methodology. Completion of the MPRB storm drain inventory is an essential element to the maintenance and improvement of the City 's storm drain utility. Budgeted funds are available to complete the entire project. Council Action is required only because of funding limitations imposed by the existing general contract agreement used by the Public Works consulting pool.

Attachment A - Excerpt from Council Action dated October 29, 1999

Attachment B – Letter of price agreement URS, Jan. 13, 2003